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Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)
)
Filing and Review of) CC Docket No. 88-2
Bell Operating Company) Phase I
Open Network Architecture Plans)

MOTION FOR LEAVE TO LATE-FILE REPORT

Southwestern Bell Telephone Company, Pacific Bell, Nevada Bell Telephone Company and the Ameritech Operating Companies (collectively, the SBC Telephone Companies) move the Commission for leave to late-file their Annual Open Network Architecture Report. In support thereof, they state as follows:

1. The Report was due on April 18, 2000.
2. A copy of one of the Exhibits to the filing was not received in SBC's Washington, D.C. office in time to meet the filing deadline and not all of Exhibits were received in electronic form.
3. No one will be prejudiced by the SBC Telephone Companies being allowed to file their Annual Open Network Architecture Report one-day late in full and complete form.

Wherefore, the SBC Telephone Companies respectfully request the Commission to accept their late-filing.

Respectfully submitted,

By Mark P. Royer
Mark P. Royer

1401 I Street, N.W., 11 th Floor
Washington, D.C. 20005
202-326-8898

Attorney for Southwestern Bell Telephone
Company, Pacific Bell, Nevada Bell Telephone
Company, and the Ameritech Operating
Companies

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April 19, 2000

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In the Matter of)	
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Filing and Review of)	CC Docket No. 88-2
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**SOUTHWESTERN BELL TELEPHONE COMPANY'S, PACIFIC BELL TELEPHONE COMPANY'S,
NEVADA BELL TELEPHONE COMPANY'S AND THE AMERITECH OPERATING COMPANIES'
ANNUAL OPEN NETWORK ARCHITECTURE REPORT**

Southwestern Bell Telephone Company (SWBT), Pacific Bell Telephone Company (PB), Nevada Bell Telephone Company (NB) and the Ameritech Operating Companies (AOCs)¹ by their attorneys, respectfully file this Annual report regarding its Open Network Architecture (ONA) Plan, as required by the Commission's Second BOC ONA Amendment Order² and its Memorandum Opinion and Order of March 29, 1993.³

I. BACKGROUND AND INFORMATION

In the *BOC ONA Further Amendment Order*, certain annual reporting requirements were established, and the *MO&O* added one annual reporting requirement. All of those requirements are addressed herein.

¹ The Ameritech Operating Companies include Illinois Bell Telephone Company, Indiana Bell Telephone Company, Incorporated, Michigan Bell Telephone Company, The Ohio Bell Telephone Company, and Wisconsin Bell, Inc.

² *In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order*, CC Docket No. 88-2, Phase I, 6 FCC Rcd 7646 (rel. December 19, 1991) (*BOC ONA Further Amendment Order*).

³ *In the Matter of Filing and Review of Open Network Architecture Plans, Memorandum Opinion and Order*, CC Docket 88-2, Phase I 8 FCC Rcd 2606 (rel. March 29, 1993), para. 10 (*MO&O*).

II. ANNUAL REPORT

A. ANNUAL PROJECTED DEPLOYMENT SCHEDULES FOR ONA SERVICES

Attached, as Exhibit A, is the three-year estimated deployment information for SWBT's, PB's, NB's and the AOCs ONA network capabilities as of December 31, 2000, 2001 and 2002. This information represents SBC's future plans, some of which have not yet been officially funded. Even if funding becomes available, exact deployment time frames are still not guaranteed, and thus, the projected service availabilities may not actually occur in the reported period. These plans are subject to review and change as demand, finances, equipment availability, regulatory mandates, legal requirements and other conditions change the plans for network evolution. Such factors may cause certain offerings - now deemed to meet the Commission's four criteria for "key" ONA services - to no longer meet those criteria.

B. NEW ONA SERVICE REQUESTS FROM ENHANCED SERVICE PROVIDERS (ESPs)

The *BOC ONA Further Amendment Order* requires SBC to report on new ONA service requests from ESPs and the disposition of such requests.⁴ Five types of dispositions are possible:

- Category 1 – Developed. The requested service has been developed and is available (or will be upon tariff approval).
- Category 2 – Under development. The requested service is under development and will generally be available within a year.
- Category 3 – Further evaluation planned. The requested service is not currently available, but certain conditions may develop which could possibly change its status. The request will be re-evaluated within a time frame specified in the request response.
- Category 4 – Pending evaluation. The request is currently being evaluated within the 120-day request cycle.

⁴ *BOC ONA Further Amendment Order*, para. 18.

- Category 5 – No Further activity planned. The request cannot be met for the reason specified in the response, or the requesting party chooses no further activity after receiving the response.

Since the last SBC ONA annual filing on April 15, 1999⁵, SBC has received only one ESP Request for New ONA Capabilities. At Southwestern Bell Telephone Company, there was one ESP who submitted a 120-day request for a Mechanized Ordering Generation (MOG) input process. SWBT has classified this request as a Category 3.

C. ONA SERVICE REQUESTS PREVIOUSLY DEEMED TECHNICALLY INFEASIBLE

Attached, as Exhibit B, is a list of ONA services sought by the ESP market at the commencement of the ONA proceedings.⁶ Some of these original requests are now technically feasible but are not being offered or developed because they do not meet one or more of the Commission's three other criteria (market demand, cost feasibility, or utility to ESPs).⁷ Further, many of the other services could potentially be developed with the emergence of future technologies.

D. SS7, ISDN, AND IN PROJECTED DEPLOYMENT

Attached, as Exhibit C, is SWBT's, PB's, NB's and the AOCs' Projected Deployment of Signaling System 7 (SS7), Integrated Services Digital Network (ISDN), and Intelligent Networks (IN). These deployment projections reflect the percentage of access lines in exchanges where SS7, ISDN, and IN capability is projected. The same qualifications explained above also apply to these projections.

E. NEW ONA SERVICES AVAILABLE THROUGH SS7, ISDN, AND AIN

⁵ Last year, SBC filed individual ONA reports for Southwestern Bell Telephone Company, Pacific and Nevada Bell. Separately, the AOCs submitted their ONA report. Now that SBC has merged with Ameritech, this filing is for all four companies.

⁶ Nomenclature used in this Exhibit is the same as that used in Appendix A & B, which are Pacific Bell's, Nevada Bell's and SWBT's Open Network Architecture (ONA) Report, March 31, 2000 and Ameritech Operating Companies' ONA Report, March 31, 2000.

⁷ As explained in SWBT's May 19, 1989 Second ONA Plan Amendment, (pp. 8-9), SWBT intends to evaluate new network capability requests via a Business Opportunity Analysis (BOA).

While SBC continues to introduce and trial new SS7, ISDN and AIN technologies, these new services are not offered as ONA services as defined by the FCC. Instead, these services are being offered in response to market demand within the SBC region. Consequently, there were no new ONA services introduced as a result of an ESP request in 1999.

**F. PROGRESS ON NETWORK INTERCONNECTION/ARCHITECTURE COMMITTEE (NIAC)
EFFORTS ON CONTINUING ACTIVITIES FOR THE IMPLEMENTATION OF SERVICE
SPECIFIC AND LONG-TERM UNIFORMITY ISSUES**

The Network Interconnection/Architecture Committee (NIAC) committee of the Network Interconnection Interoperability Forum (NIIF) identified one new service-specific and long-term uniformity issue as an ESP request in the last ONA Report. All previous ESP issues have been closed.

1. NIIF 0163 - Revision of "555 Technical Service Interconnection Arrangements" was introduced and accepted December 6, 1999.

Issue:

About 4,000 line numbers in the 555-NXX have been assigned by NANPA to end user entities as of November 1, 1999. The 555 Assignees have been having difficulty getting LECs (particularly CLECs) to activate the line numbers. Various CLECs have indicated a need for specific translation and routing methods references in Industry documentation such as LNP/LRN, LERG/LARG, AIN/SCP, etc. in order to implement and provide details for Interconnection agreements.

Suggested resolution:

Revise ATIS/NIIF 0012 (ICCF 96-0411-014, Sec. 3.1 and/or 3.2, "555 Technical Service Interconnection Arrangements", to include currently available means by adding the footnote and to include specific references to translations and routing methods.

G. PROGRESS IN PROVIDING BILLING INFORMATION

1. BILLING AND ADDRESS (BNA)

In accordance with the Commission's decision in CC Docket 91-115, *Second Order on Reconsideration*,⁸ federal tariffs for BNA were filed and became effective April 9, 1994 for SWBT. A copy of SWBT's Transmittal No. 2334 was provided in its April 15, 1994, ONA Plan Amendment.

The AOCs offer a "Subscription Billing Service" which allows a customer to put charges on a separate page of their telephone bill. This billing product is offered on a region-wide basis. Subscription Billing Service provides billing information to the customer as well as the creation, rendering and collection of a bill as part of the service. To complement these functions, Subscription Billing Service offers administrative and bill collection date reports to the ESP. Currently, the AOCs provide the option of electronic filing transfer, using Network Data Mover (NDM) Software, to receive detailed billing information from ESPs. This provides the AOCs with the details required billing the ESPs' services to their subscribers on the ESPs' page in the Ameritech bill. In addition to the receipt of billing details from the ESPs, the AOCs send five reports to the ESP providing billing error and status information.

Pacific Bell provides BNA service on an intrastate basis in accordance with Schedule Cal. P.U.C. 175-T, Section 8.4.2 to certified IXCs and on an interstate basis under contract.⁹ As we have noted in earlier filings, Rule 35 of the CPUC A.2 tariff and the CPUC tariff 175-T prohibit us from providing BNA service to ESPs. We have anticipated action on the part of the CPUC to

⁸ *In the Matter of Policies and Rules Concerning Local Exchange Carrier Validation and Billing Information for Joint Use Calling Cards, Petitions for Waiver of Rules Adopted in BNA Order, Second Order on Reconsideration*, CC Docket No. 91-115, 8 FCC Rcd 8798 (rel. December 7, 1993).

⁹ While billing and collection services are detariffed in the interstate jurisdiction, Pacific Bell complies with the rules and regulations set forth in CPUC 175-T in providing billing and collection on an interstate basis.

revise these rules for the past several years, but to date the investigation into this matter remains open.¹⁰

Since 1994, as a result of the Commission's order in Docket 91-115, we have made BNA available through federal tariffs to ESPs and others on an interstate basis.¹¹ At Pacific Bell, BNA is available through FCC Tariff No. 128-T. Nevada Bell has tariffed BNA in Nevada's FCC Tariff No. 1, Section 6. Billing name and address service is provided when the customer needs the information to bill a call and the originating number is provided via a magnetic tape that contains the originating numbers. BNA is available in the Nevada intrastate tariff PSCN C8.

As noted in previous amendments, Pacific Bell offers billing services to ESPs. This billing service is the same as Pacific Bell provides to its enhanced services operation. Nevada Bell has been included in the development of Pacific Bell's billing services for ESPs and currently offers third-party billing services.

2. LINE-SIDE CALLING NUMBER IDENTIFICATION (CNI)

SWBT currently offers Caller ID in Oklahoma, Kansas, Arkansas, Missouri and Texas. Caller ID is offered with free "Per-call Blocking" capability in all SWBT states. "Per-call Blocking" enables a customer to temporarily block the delivery of the Calling Party Number (CPN) to the called party. The AOCs, Pacific Bell and Nevada Bell Telephone Companies offer comparable services in their respective regions. In addition, in certain market regions, free "Per-call Blocking" is offered to law enforcement and domestic violence agencies. Per-line blocking

¹⁰ *Rulemaking on the Commission's Own Motion to Govern Open Access to Bottleneck Services and Establish a Framework for Network Architecture Development for Dominant Carrier Network, Order Instituting Rulemaking and Order Instituting Investigation, R-93-04-003* (April 7, 1993).

blocks CPN delivery from all calls made. Missouri and Kansas also extend free per-line blocking to those employees of the law enforcement or domestic violence agencies that conduct official business from home. Texas and Ohio state law require that per-line blocking be offered to anyone who writes to SBC stating that they have a "compelling" need for per-line blocking.

3. AUTOMATIC NUMBER IDENTIFICATION (ANI) AND CALL DETAIL

SWBT currently provides ANI through the trunk side BSA approved by the Commission in SWBT's original ONA Plan. Generally, the ESP can determine the call detail information with its own recording equipment. The AOCs offer two BSEs, Calling Billing Number Delivery and Flexible ANI, which are delivered on the Circuit Switched Trunk BSA (FG-D) and provide calling billing number. SWBT and the AOCs currently do not provide call detail recording to ESPs. However, SBC would certainly consider the provision of this service if sufficient demand existed. The AOCs do offer a service, Ameritech Call Detail Reporting Service (ACDRS), that allows ESPs to obtain call detail information (both local and toll), within 24 to 72 hours after call completion. The customer can access this data on a dial-up basis via a personal computer and modem. When ACDRS is packaged with Call Detail Reporting Software, it provides a management tool. The customer can analyze and monitor telecommunications activity, analyze calling patterns and work activity, and monitor fraud and abuse. ACDRS enhances both Centrex and long distance services products by providing call detail information.

¹¹ *Policies and Rules Concerning Local Exchange Carrier Validation and Billing Information for Joint Use Calling Cards*, CC Docket No. 91-115, Second Report and Order, 8 FCC Rcd. 4478 (1993).

H. PROGRESS IN DEVELOPING AND IMPLEMENTING OPERATIONS SUPPORT SYSTEMS (OSS) SERVICES

As an initial matter, SBC directs the Commission's attention to its April 15, 1999, Annual ONA Reports. In those filings, SBC described significant progress in developing and implementing OSS services particularly those of interest to ESPs. This report will describe SBC's further progress.

Pursuant to Condition VIII of the SBC/Ameritech Merger Conditions, SBC is committed to advancing its OSS systems and implementing uniform OSS services throughout its telephone operating companies. As detailed in the SBC/Ameritech Merger Conditions¹², SBC is committed to developing and deploying commercially ready, uniform application-to-application interfaces using standards and guidelines as defined, adopted, and periodically updated by the Alliance For Telecommunications Industry Solutions ("ATIS") for OSS, e.g., Electronic Data Interchange ("EDI") and Electronic Bonding Interface ("EBI") that support the pre-ordering, ordering, provisioning, maintenance, repair, and billing. Additionally, SBC/Ameritech is committed to developing and deploying uniform graphical user interfaces for OSS that support the pre-ordering, ordering, provisioning, maintenance, repair, and billing. For a complete review of SBC's present method of OSS operations, SBC refers to the discussion presented in SBC's Uniform and Enhanced Plan of Record submitted to the Commission in conjunction with Paragraph 28 of the SBC/Ameritech Merger Conditions.

¹² *In re Applications of Ameritech Corp., Transferor, and SBC Communications Inc., Transferee, For Consent to Transfer Control of Corporations Holding Commission Licenses and Lines Pursuant to Section 214 and 310(d) of the Communications Act and Parts 5, 22, 24, 25, 63, 90, 95*

I. PROGRESS ON THE UNIFORM PROVISION OF OSS SERVICES

The *BOC ONA Further Amendment Order* requires annual reports on BOC progress on the uniform provision of OSS services. Annual reports on implementation of Information Industry Liaison Committee (IILC) resolutions that have already been adopted are also requested.¹³ For information on SBC's progress on the uniform provision of OSS services, SBC refers to the discussion presented in Section H above.

SBC recognizes that uniform provision of OSS services is a complex issue. Many systems having functionalities that ESPs may currently find useful has evolved over long periods of time and utilize different architectures, programming language, etc. Efficient, uniform provisioning of OSS services to mature and distinctly different systems will require well-defined standards and transparent capability to communicate with the OSS itself.

J. BSEs USED IN THE PROVISION OF SBC ENHANCED SERVICES

The *BOC ONA Further Amendment Order* requires that each BOC continue to report annually on the BSEs used in providing its own enhanced services. SBC-affiliated enhanced services operations procure all underlying basic services at the same rates, and on the same terms and conditions as non-affiliated ESPs.

K. UNBUNDLING RELATED TO NEW TECHNOLOGIES

The Commission requires the BOCs to report annually on unbundling of new technologies arising from their own initiative, in response to requests by ESPs, or resulting from requirements imposed by the Commission.

and 101 of the Commission's Rules, "SBC/Ameritech Merger Order", CC Docket No. 98-141, Memorandum Opinion and Order, (rel. October 8, 1999).

¹³ *BOC ONA Further Amendment Order*, para. 49.

As we explained in SWBT's, PB's and the AOCs' first filing in response to this requirement in July, 1993, SBC interprets this requirement to be a continuation of the Commission's interest in obtaining descriptions from BOCs of "how new technologies will be used, or could be configured, to offer [ONA] services that have been requested" and "what capabilities, whether specifically requested or not, will be available that could be useful in offering services to ESPs."¹⁴ Our interpretation of the reporting requirement is not only consistent with the Commission's long-standing ONA directives, but also with the way that SBC does business. SBC unbundles and provides services enabled by technologies. SBC does not unbundle and provide technologies to its customers.

L. CONCLUSION

SBC's Annual Report complies with all Commission requirements.

Respectfully submitted.

SBC COMMUNICATIONS INC.

By Mark Royer

Alfred G. Richter, Jr.
Roger K. Toppins
Mark P. Royer

1401 I Street, N.W., 11th Floor
Washington, D.C. 20005
202-326-8898

Attorneys for Southwestern Bell Telephone Company, Pacific Bell Telephone Company, Nevada Bell Telephone Company, and the Ameritech Operating Companies

April 19, 2000

¹⁴ *Filing and Review of Open Network Architecture Plans*, CC Docket No. 88-2 Phase I, *Memorandum Opinion and Order*, 4 FCC Rcd 1, para. 382 (1988).

CERTIFICATE OF SERVICE

I, Regina Ragucci, hereby certify that a true and correct copy of the above and foregoing comments were served on this 19th day of April, 2000, to the following individuals:

Regina Ragucci

Regina Ragucci

ITS
1231 20TH Street, NW
Ground Floor
Washington, DC 20036

Robert B. McKenna
US West Communications, Inc.
1020 19th Street, NW, Suite 700
Washington, DC 20036

Stephen L. Earnest
M. Robert Sutherland
BellSouth Corporation
1155 Peachtree Street, Suite 1700
Atlanta, GA 30306-3610

Joseph DiBella
Lawrence W. Katz
Bell Atlantic
1320 North Courthouse Road
8th Floor
Arlington, VA 22201

EXHIBIT A

AMERITECH DEPLOYMENT REPORT

04/15/2000

BSA DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ----- INDIANA ----- MICHIGAN ----- OHIO ----- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

C1 TYP A - CKT SW LINE

BSA: CIRCUIT SWITCHED - LINE TYPE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C1 TYP B - CKT SW TRUNK

BSA: CIRCUIT SWITCHED - TRUNK TYPE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C2 TYP A - X.25 PKT SW

BSA: PACKET SWITCHED - TYPE A X.25

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C2 TYP B - X.75 PKT SW

BSA: PACKET SWITCHED - TYPE B X.75

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C3 TYP C - DED VOICE GRD

BSA: DEDICATED - TYPE C DIRECT ANALOG

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

04/15/2000

BSA DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ----- INDIANA ----- MICHIGAN ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPFD STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

C3 - TYPD - DED PRGM AUDIO

BSA: DEDICATED PROGRAM AUDIO

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C3 TYPE - DED VIDEO

BSA: DEDICATED - TYPE E DEDICATED VIDEO

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C3 TYPF - DED < 64KBPS

BSA: AMERITECH BASE RATE SERVICES

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C3 TYPG - DED HIGH CAPACITY DIGITAL (1.544MBPS)

BSA: AMERITECH DS1 SERVICES

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C3 TYPH - DED HIGH CAPACITY DIGITAL (> 1.544MBPS)

BSA: AMERITECH DS3 SERVICES

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

04/15/2000

BSA DEPLOYMENT % ACCESS LINES

YEAR --- ILLINOIS --- ----- INDIANA ----- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

C3 TYPK - DEDICATED DIGITAL (64KBPS)

BSA: AMERITECH BASE RATE SERVICE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C4 TYPKA - DED NTWK ACCESS LINK

BSA: DEDICATED NETWORK ACCESS LINK (DNAL) SIGNAL TRANSFER POINT ACCESS

1999	100	100	100	0	100	100	100	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C4 TYPB - DED NTWK ACCESS LINK

BSA: DNAL - CIRCUIT SWITCH FACILITY CONTROL

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C4 TYPD - DED NTWK ACCESS LINK

BSA: DNAL - SIMPLIFIED MESSAGE DESK INTERFACE (SMDI)

1999	100	98	100	0	100	100	100	99	100	100	100	100	100	100	100	100	100	100	100	99	100	
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 99 2000 : 100 2001 : 100 2002 : 100

C4 TYPD - DED NTWK ACCESS LINK

BSA: DNAL - SIMPLIFIED MESSAGE DESK INTERFACE - EXTENDED (SMDI-E)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

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BSA DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- INDIANA --- MICHIGAN --- OHIO --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

C4 TYPE - DED NTWK ACCESS LINK

BSA: DNAL - AMERITECH NETWORK RECONFIGURATION SERVICE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C4 TYPF - DED NTWK ACCESS LINK

BSA: DNAL - ALARM SERVICE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

C4 TYPG - DED NTWK ACCESS LINK

BSA: DNAL - AMERITECH SWITCH - COMPUTER APPLICATION INTERFACE (ASCAI)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

ALTERNATE ROUTING

BSA: ALTERNATE ROUTING (NOTE 1)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

TANDEM ROUTING

BSA: TANDEM ROUTING (NOTE 1)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

* NOTE 1: FOR AMERITECH THIS IS A CIRCUIT SWITCHED TRUNK TYPE FEATURE

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BSA DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- INDIANA --- MICHIGAN --- OHIO --- WISCONSIN ---
END CHMP CHCG SPFD STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

CXR SELECT ON RVR'S CHARG

BSA: 800 DIALING ALTERNATIVE (NOTE 1)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

* NOTE 1: FOR AMERITECH THIS IS A CIRCUIT SWITCHED TRUNK TYPE BSA ALTERNATIVE

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BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ----- INDIANA ----- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

CLLG BLLG NUM DELIV FG D

BSE: CALLING BILLING NUMBER DELIVERY (ANI)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

CLLD DN DELIV VIA 900NXX

BSE: CALLED DIRECTORY NUMBER DELIVERY

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTILINE HUNT GROUP

BSE: PREFERENTIAL HUNTING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MLHG CO ANNOUNCEMENTS

BSE: CENTRAL OFFICE ANNOUNCEMENTS

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MAKE BUSY KEY

BSE: MAKE BUSY ARRANGEMENTS

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

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BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- INDIANA --- MICHIGAN --- OHIO --- WISCONSIN ---
 END CHMP CHCG SPFD STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

MLHG UCD LINE HUNTING

BSE: UNIFORM CALL DISTRIBUTION

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MLHG UCD WITH QUEUING

BSE: QUEUING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTILINE HUNT GROUP

BSE: REGULAR MULTILINE HUNT GROUP

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTILINE HUNT GROUP

BSE: CIRCULAR MULTILINE HUNT GROUP

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MLHG OVERFLOW

BSE: MULTILINE HUNT GROUP OVERFLOW

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

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BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ---- INDIANA ---- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPFD STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

MLHG ACCESS TO EACH PORT

BSE: NONHUNTING NUMBER FOR USE WITH GROUP ARRANGEMENT OR UCD ARRANGEMENT

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MWI ACTIVATION (AUDIBLE)

BSE: REMOTE ACTIVATION OF MESSAGE WAITING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

THREE WAY CALL TRANSFER

BSE: THREE WAY CALL TRANSFER

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MESSAGE DESK (SMDI)

BSE: CALL HISTORY PACKAGE DELIVERY (I.E., SMDI)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

REV BLLG ON CKT/PKT ACC

BSE: PACKET - REVERSE BILLING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

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BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ---- INDIANA ---- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

MWI ACT (AUDIBLE) EXPAND

BSE: REMOTE ACTIVATION OF MESSAGE WAITING - EXPANDED

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

FAST SELECT ACCEPT PKT

BSE: PACKET - FAST SELECT ACCEPTANCE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

CLOSED USER GROUPS PKT

BSE: PACKET - CLOSED USER GROUPS

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

HUNT GROUPS PACKET

BSE: PACKET - HUNT GROUPS

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

CALL REDIRECTION PACKET

BSE: PACKET - CALL REDIRECTION

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

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BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ---- INDIANA ---- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

BRIDGING

BSE: BRIDGING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

CONDITIONING

BSE: CONDITIONING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

SECONDARY CH CAPACITY

BSE: SECONDARY CHANNEL

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

ANSWER SUPV'N LINE SIDE

BSE: ANSWER SUPERVISION WITH LINE SIDE INTERFACE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AUTOMATIC PROTECT SWTCHG

BSE: AUTOMATIC LOOP TRANSFER

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

04/15/2000

BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- INDIANA --- MICHIGAN --- OHIO --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

ACC TO CLR CH TRANSMISSN

BSE: ACCESS TO CLEAR CHANNEL CAPABILITY

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

NETWORK RECONFIGURATION

BSE: AMERITECH NETWORK RECONFIGURATION SERVICE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTIPLEXING - DIGITAL

BSE: AMERITECH DS3 TO DS1 MULTIPLEXING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTIPLEXING - DIGITAL

BSE: AMERITECH DS1 TO VOICE/BASE MULTIPLEXING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MULTIPLEXING - DIGITAL

BSE: AMERITECH DS1 TO DDS/DS0 MULTIPLEXING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

AMERITECH DEPLOYMENT REPORT

04/15/2000

BSE DEPLOYMENT & ACCESS LINES

YEAR --- ILLINOIS --- ----- INDIANA ----- --- MICHIGAN --- ----- OHIO ----- --- WISCONSIN ---
 END CHMP CHCG SPF D STNG CHCG CFVL IPLS SBND DTRT GDRP KLMZ TRCY CLEV CLMB DYTN IRNT APPL MDSN MILW RVFL

ROUTE DIVERSITY

BSE: SPECIAL FACILITIES ROUTING

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

FLEXIBLE ANI

BSE: FLEXIBLE ANI

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

EXTENDED SUPERFRAME COND

BSE: ACCESS TO EXTENDED SUPERFRAME

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

MSSG DESK EXPAND (SMDI-E)

BSE: CALL HISTORY PACKAGE DELIVERY - EXPANDED (SMDI-E)

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100

INITIAL ADDRESS MESSAGE

BSE: INITIAL ADDRESS MESSAGE

1999	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2000	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2001	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2002	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

AMERITECH SYSTEM-WIDE - 1999 : 100 2000 : 100 2001 : 100 2002 : 100